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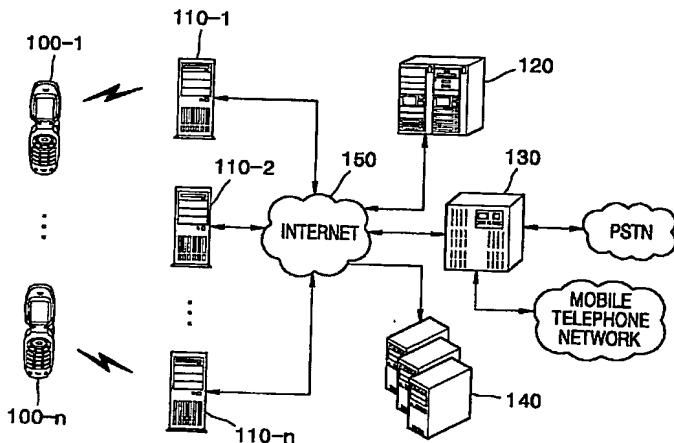
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(54) Title: SYSTEM FOR PROVIDING WIRELESS INTERNET MOBILE COMMUNICATION SERVICE AND METHOD OF THE SAME



(57) Abstract: Provided are a system and method for providing wireless Internet mobile communication service. A channel allocator allocates a communication channel to an Internet mobile station when the Internet mobile station transmits a call requesting message to an Internet mobile switching center system or when the Internet mobile switching center system transmits the call requesting message to the Internet mobile station. An address allocator allocates a rental IP address to the Internet mobile station, transmits address allocation information of the Internet mobile station, withdraws the rental IP address from the Internet mobile station when mobile communication between the Internet mobile station and a counterpart Internet mobile station ends, and informs the Internet mobile switching center system of the withdrawal of the rental IP address. A call controller receives an IP address of the counterpart Internet mobile station from the Internet mobile switching center system, transmits the IP address of the counterpart Internet mobile station to the Internet mobile station, and relays speech IP packets between the Internet mobile station and the counterpart Internet mobile station via a communication channel of the Internet mobile station.